SIRF.P243

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Att rney D cket Numb r

| DECLARATION FO  |  | First Named Inv nt   | r Nicolas                                 | P. Vantalon   |
|---|--|--|---|---|
| PATENT APPL   | -  | COMPL  | ·   |   |
| (37 CFR 1   |  | Application Number   |   |   |
| Declaration -   | Poolomiian Dadautia  |  |   |   |
| Declaration Declaration Submitted OR Submitted after Initial  |  | Filing Date  Art Unit  |   |   |
| Filing  | with Initial Filing (surcharge<br>Filing (37 CFR 1.16 (e))<br>required)                  |  | To be assi                                | gned  |
| As the below named inventor, I her  | reby declare that:   |  |   |   |
| My residence, mailing address, and o  | citizenship are as stated belo   | w next to my name.   |   |   |
| I believe I am the original and first inv   | entor of the subject matter w  | hich is claimed and for which                                | ch a patent is sou                        | ght on the invention entitled:                      |
|   |  |  | <del></del>                               |   |
| Memory Reallocation ar  | nd Sharing In Electr   | onic Systems   |   |   |
|   |  |  |   |   |
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|   |  |  |   |   |
|   | (Title of the In   | evention)  |   |   |
| the specification of which  |  |  |   |   |
| is attached hereto  |  |  |   |   |
| OR r  |  |  |   |   |
| was filed on (MM/DD/YYYY)   |  | and United A Otata and                                       |   |   |
| was nied on (WW/DD/ ( ) )   |  | as United States A   | oplication Number                         | or PCT International                                |
|   |  | <del></del>  |   |   |
| Application Number  | and was amende   | ed on (MM/DD/YYYY)   |   | (if applicable).                                    |
|   |  | ,                      |   | ( appoab.o).  |
| I hereby state that I have reviewed and any amendment specifically referred to  | d understand the contents of<br>above.   | f the above identified specif                                | ication, including                        | the claims, as amended by                           |
| I acknowledge the duty to disclose info<br>applications, material information whice<br>international filing date of the continua  | n became avaliable between   | patentability as defined in 3 the filing date of the prior a | 37 CFR 1.56, inclu<br>application and the | uding for continuation-in-part<br>e national or PCT |
| I hereby claim foreign priority benefits breeder's rights certificate(s), or 365(a States of America, listed below and h breeder's rights certificate(s), or any claimed. | under 35 U.S.C. 119(a)-(d) (a) of any PCT international average also identified below by | application which designate<br>v checking the box, any for   | ed at least one c                         | ountry other than the United                        |
| Prior Foreign Application Number(s)   | Country  | Foreign Filing Date<br>(MM/DD/YYYY)                          | Priority<br>Not Claimed                   | Certified Copy Attached? YES NO                     |
|   |  |  |   |   |
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|   |  |  | 닏   |   |

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto: [Page 1 of 2]

## **DECLARATION** — Utility or Design Patent Application

| Direct all correspondence to: Customer Numb   |                     |                   | OŘ                    | V C          | orrespondence address below            |
|---|---------------------|-------------------|-----------------------|--------------|--|
| SHEMWELL GREGORY & COURTNEY L   |                     |                   |                       |              | ************************************** |
| Name  | -L.I                |                   |                       |              |  |
| 4880 Stevens Creek Boulevard  |                     |                   | <del></del>           |              |  |
| Suite 201   |                     |                   |                       |              |  |
| Address   |                     | Γ.                | ., .                  |              | 05400                                  |
| San Jose<br>City  |                     |                   | ifornia               |              | 95129                                  |
| ······································  | 08-236-6646         | State             | · ·                   |              | 408-236-6641                           |
|   | ephone              |                   |                       |              | Fax                                    |
| I hereby declare that all statements made herein of my orange believed to be true; and further that these statement made are punishable by fine or imprisonment, or both, unvalidity of the application or any patent issued thereon. | ts were made with   | i the kr          | tedt anhalwor         | willful fale | a statements and the like so           |
| NAME OF SOLE OR FIRST INVENTOR:   | A petition h        | as bee            | en filed for t        | his unsig    | ned inventor                           |
| Given Name Nicolas P.<br>(first and middle [if any])  |                     |                   | Var<br>y Name<br>mame | ntalon       |  |
| inventor's<br>Signature   |                     |                   |                       |              | Date                                   |
| San Jose  | California          |                   | U.S.A.                |              | France                                 |
| Residence: City   | State               |                   | Country               |              | Citizenship                            |
| 148 East Brokaw Road  |                     |                   |                       |              |  |
| Mailing Address   | ·                   |                   |                       |              |  |
| San Jose  | California          |                   | 951                   | 12           | U.S.A.                                 |
| City  | State               |                   | ZIP                   |              | Country                                |
| NAME OF SECOND INVENTOR:  | A petition has      | been              | filed for this        | unsigne      | ed inventor                            |
| Given Name Steven A.<br>(first and middle [if any])   | t t                 | Family<br>or Surr | Name                  | nemeye       | er                                     |
| Inventor's Steven Q. Grogene  | 411                 |                   |                       |              | Oct 24, 2003 Date                      |
| San Jose  | California          |                   | U.S.A.                |              | us                                     |
| Residence: City   | State               | Country           |                       |              | Citizenship                            |
| 148 East Brokaw Road  |                     |                   |                       |              |  |
| Mailing Address   |                     |                   |                       |              |  |
| San Jose<br>City  | California<br>State |                   | 951°<br>zip           | 12           | U.S.A.<br>Country                      |
| Additional inventors are being named on the 1_sup   | plemental Addition  | al Inver          | ntor(s) sheet(s       | ) PTO/SB/    | 02A attached hereto.                   |

| Under the Paperwork Reduction Act of 1995, no persons are red | uired to re   | U.S. Paten             | t and Trademark Office: I             | IS DEPARTM                  | PTO/SB/02A (08-03)<br>2003. OMB 0651-0032<br>IENT OF COMMERCE |  |
|---|---|------------------------|---------------------------------------|-----------------------------|---|--|
| DECLARATION   | espond to a collection of information unless it contains a valid OMB control number.  ADDITIONAL INVENTOR(S)  Supplemental Sheet  Page 1 of 1 |                        |                                       |                             |   |  |
| Name of Additional Joint Inventor, if any:                    |   | A petition             | n has been filed for thi              | s unsigned in               | ventor  |  |
| Given Name (first and middle (if any)                         |   | Family Name of         | or Surname                            |                             |   |  |
| Vojislav  |   | Protic                 |                                       |                             |   |  |
| Inventor's<br>Signature                                       |   |                        |                                       | Date                        |   |  |
| San Jose<br>Residence: City                                   | California<br>State   |                        | S.A.<br>Duntry                        | Serbia and M<br>Citizenship | ontenegro (YU)  |  |
| 148 East Brokaw Road<br>Mailing Address                       | <b>1</b>  | L                      | ,                                     |                             |   |  |
| Mailing Address   |   |                        |                                       |                             |   |  |
| San Jose  | Californ  |                        | 95112                                 | U.S.A.                      |   |  |
| City  | State   |                        | Zip                                   | Country                     |   |  |
| Name of Additional Joint Inventor, if any:                    |   | A petition             | n has been filed for this             | s unsigned in               | ventor  |  |
| Given Name (first and middle (if any)                         |   | Family Name or Surname |                                       |                             |   |  |
|   |   |                        | <u> </u>                              |                             |   |  |
| Inventor's<br>Signature                                       |   | Date                   |                                       |                             |   |  |
| Residence: City   | State   | Country                |                                       |                             | Citizenship   |  |
| Mailing Address   |   | <u>.</u>               |                                       |                             | <del></del>   |  |
| Mailing Address   |   |                        |                                       | <u>-</u>                    |   |  |
| City  | State   | e Zip                  |                                       | Country                     | Country   |  |
| Name of Additional Joint Inventor, if any:                    |   | A petition             | n has been filed for this             | s unsigned in               | ventor  |  |
| Given Name (first and middle (if any)                         |   | Family Name or Surname |                                       |                             |   |  |
|   |   |                        |                                       |                             |   |  |
| Inventor's<br>Signature                                       |   | Date                   |                                       | - '                         |   |  |
| Residence: City   | tate Country Citizens   |                        |                                       | Citizenship                 |   |  |
| Mailing Address   |   |                        |                                       |                             | 1   |  |
| Mailing Address   |   |                        | · · · · · · · · · · · · · · · · · · · |                             | J-1-  |  |
| City  | State   |                        | Zip                                   | Country                     |   |  |

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Nicolas P. Vantalon

SIRF.P243

PTO/SB/01 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR** 

Att rn y D ck t Numb r

First Named Invent

| PATENT APPL  | ICATION   | COMPLETE IF KNOWN                   |                         |                                 |  |  |  |
|--|---|-------------------------------------|-------------------------|---------------------------------|--|--|--|
| (37 CFR 1  |   | Application Number                  |                         |                                 |  |  |  |
|  | 1   | Filing Date                         |                         |                                 |  |  |  |
| Declaration Submitted OR Submitted OR Submitted OR Submitted   |   | Art Unit                            |                         |                                 |  |  |  |
| with Initial<br>Filing   | Filing (surcharge<br>(37 CFR 1.16 (e))<br>required) | Examiner Name                       | To be assig             | ned                             |  |  |  |
| As the below named inventor, I hereby declare that:  |   |                                     |                         |                                 |  |  |  |
| My residence, mailing address, and citizenship are as stated below next to my name.  |   |                                     |                         |                                 |  |  |  |
| I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:  |   |                                     |                         |                                 |  |  |  |
| Memory Reallocation and Sharing In Electronic Systems  |   |                                     |                         |                                 |  |  |  |
|  |   |                                     |                         |                                 |  |  |  |
|  |   |                                     |                         |                                 |  |  |  |
| ·  |   |                                     |                         |                                 |  |  |  |
|  | (Title of the Inv                                   | vention)                            | <u></u>                 |                                 |  |  |  |
| the specification of which   |   | •                                   |                         |                                 |  |  |  |
| is attached hereto   |   |                                     |                         |                                 |  |  |  |
| OR I   |   |                                     |                         |                                 |  |  |  |
| was filed on (MM/DD/YYYY)  |   |                                     |                         |                                 |  |  |  |
| as since sin (mississiff in the mississiff in th |   |                                     |                         |                                 |  |  |  |
| Application Number   | and was amended on (MM/DD/YYYY) (if applicable).    |                                     |                         |                                 |  |  |  |
| I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.   |   |                                     |                         |                                 |  |  |  |
| I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.  |   |                                     |                         |                                 |  |  |  |
| I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.   |   |                                     |                         |                                 |  |  |  |
| Prior Foreign Application Number(s)  | Country   | Foreign Filing Date<br>(MM/DD/YYYY) | Priority<br>Not Claimed | Certified Copy Attached? YES NO |  |  |  |
|  |   |                                     |                         |                                 |  |  |  |
|  |   |                                     | Ħ l                     |                                 |  |  |  |
|  |   |                                     | 同                       |                                 |  |  |  |
|  |   |                                     |                         |                                 |  |  |  |
| Additional foreign application nur   | mbers are listed on a supplen                       | nental priority data sheet P        | TO/SB/02B attach        | ed hereto:                      |  |  |  |

## **DECLARATION** — Utility or Design Patent Application

| Direct all correspondence to: Customer Nu or Bar Code   |      |               |              |                | OR           | V           | Согт         | espondence address below |
|---|------|---------------|--------------|----------------|--------------|-------------|--------------|--------------------------|
| SHEMWELL GREGORY & COURTNE  | Y LL | P             |              |                |              |             |              |                          |
| Name  |      |               |              |                |              |             |              |                          |
| 4880 Stevens Creek Boulevard  |      |               |              |                |              |             |              |                          |
| Address Suite 201   |      | · ·           | <del>,</del> | · · ·          |              |             |              |                          |
| San Jose California 95129   |      |               |              |                |              | 95129       |              |                          |
| City State ZIP  |      |               |              |                |              | ZIP         |              |                          |
| U.S.A.  | 40   | 08-236-6646   |              |                |              |             | 408-236-6641 |                          |
| Country   | Tele | phone         |              |                |              |             |              | Fax                      |
| I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. |      |               |              |                |              |             |              |                          |
| NAME OF SOLE OR FIRST INVENTOR:   |      | A petition r  | ias be       | en med         | i for u      | us ur       | ısıgn        | ed inventor              |
| Given Name Nicolas P.<br>(first and middle [if any])  |      |               |              | y Name<br>mame | Van          | talor       | 1            |                          |
|   |      |               |              |                |              |             |              |                          |
| Inventor's<br>Signature   |      |               |              |                |              |             |              | Date                     |
| San Jose  |      | California    |              | U.S            | S.A.         |             |              | France                   |
| Residence: City   |      | State         | Country      |                |              | Citizenship |              |                          |
| 148 East Brokaw Road  |      | -             |              |                |              |             |              |                          |
| Mailing Address   |      |               |              |                |              |             |              |                          |
| San Jose  |      | California    |              | T              | 951          | 12          |              | II.C.A                   |
| City  |      | State         | ZIP          |                |              | U.S.A.      |              |                          |
|   |      |               |              |                | 4L '-        |             |              | Country                  |
| NAME OF SECOND INVENTOR:  |      | A petition ha | s been       | filed f        | or this      | unsi        | gne          | inventor                 |
| Given Name Steven A.  (first and middle [if any])   |      |               | •            | Name           | Gro          | nem         | eye          | r                        |
| (mst and middle [if any])   |      |               | or Sur       | name           |              |             |              |                          |
| Inventor's  |      |               |              |                |              |             | İ            |                          |
| Signature   |      |               |              | <del>,</del>   |              |             |              | Date                     |
| San Jose  |      | California    |              | l u.s.         | Α.           |             | İ            | US                       |
| Residence: City   |      | State         |              | Count          | гу           |             |              | Citizenship              |
| 148 East Brokaw Road  |      |               |              | •              | <del> </del> |             |              |                          |
| Malling Address   |      |               |              |                |              |             |              |                          |
| San Jose  |      | California    |              | (              | 951          | 12          |              | U.S.A.                   |
| San Jose<br>city  |      | State         |              | ZIP            | <b>.</b>     |             |              | U.S.A.<br>Country        |
| Additional inventors are being named on the   | _sup |               | nal Inve     |                | sheet(s      | ) PTO       |              | 2A attached hereto.      |

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ADDITIONAL INVENTOR(S)

| DECLARATION                                | Supplemental Sheet Page 1 of 1 |                        |                        |   |                                       |
|--|--------------------------------|------------------------|------------------------|---|---------------------------------------|
|  |                                |                        | ion has been filed for |   |                                       |
| Name of Additional Joint Inventor, if any: |                                | ion has been filed fo  | or this unsigned ii    | nventor                                 |                                       |
| Given Name (first and middle (if any)      |                                | Family Name            | or Sumame              |   | <del></del>                           |
| Vojislav                                   |                                | Protic                 |                        | <del></del>                             |                                       |
| Inventor's Signature                       | >~~                            | <del></del>            |                        | Date 10                                 | 126/03                                |
| San Jose<br>Residence: City                | Californi<br>State             |                        | I.S.A.<br>Country      | Serbia and N<br>Citizenshi              | Montenegro (YU)<br>p                  |
| 148 East Brokew Road<br>Mailing Address    |                                |                        |                        | *************************************** |                                       |
| Mailing Address                            |                                |                        |                        |   | <del></del>                           |
| San Jose                                   | Californ                       |                        | 95112                  | U.S.A.                                  |                                       |
| City                                       | State                          | <u> </u>               | Zip                    | Country                                 | <u> </u>                              |
| Name of Additional Joint Inventor, if any: |                                | A petitic              | on has been filed fo   | or this unsigned in                     | nventor                               |
| Given Name (first and middle (if any)      |                                |                        | Family Nan             | ne or Surname                           |                                       |
|  |                                |                        |                        |   |                                       |
| Inventor's<br>Signature                    |                                | Date                   |                        |   |                                       |
| Residence: City                            | State                          | )                      | Country                |   | Citizenship                           |
| Mailing Address                            | <u>,</u>                       |                        |                        |   |                                       |
| Mailing Address                            |                                |                        |                        |   |                                       |
| City                                       | State                          | <b>!</b>               | Zip                    | Country                                 | ·                                     |
| Name of Additional Joint Inventor, if any: |                                | A petitic              | on has been filed for  | r this unsigned in                      | ventor                                |
| Given Name (first and middle (if any)      |                                | Family Name or Surname |                        |   |                                       |
|  |                                |                        |                        |   |                                       |
| Inventor's<br>Signature                    | Date                           |                        |                        |   |                                       |
| Residence: City                            | State                          | :                      | Country                |   | Citizenship                           |
| Mailing Address                            |                                |                        |                        |   |                                       |
| Mailing Address                            |                                |                        |                        |   | · · · · · · · · · · · · · · · · · · · |
| City                                       | State                          |                        | Zip                    | Country                                 |                                       |

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Atty. Docket No.: SIRF.P243 PATENT

## IN THE UNITED STATES PATENT OFFICE

| In Re  | Patent Application of:          | )           |                  |
|--------|---------------------------------|-------------|------------------|
|        |                                 | ) Examiner: | Not Yet Assigned |
|        | Nicolas Vantalon et al.         | )           |                  |
|        |                                 | ) Art Unit: | Not Yet Assigned |
| Applic | cation No.: Not Yet Assigned    | )           | _                |
| Filed: | Herewith                        | )<br>)      |                  |
| For:   | MEMORY REALLOCATION AND SHARING | )           |                  |
|        | IN ELECTRONIC SYSTEMS           | )           |                  |

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## Power of Attorney by Assignee and Certification Under 37 CFR §3.73(b)

Sir:

- I, the undersigned, acting on behalf of the Assignee of the entire right, title and interest in the above-referenced patent applications, hereby revoke all prior powers of attorney for said applications and appoint:
- 1. the practitioners at Customer Number 30554, the Customer Number of Shemwell Gregory & Courtney LLP; and
  - 2. Nicolas S. Gikkas, Registration No. 46,245

as my/our attorney(s) or agent(s) to prosecute said applications, and to transact all business in the United States Patent and Trademark Office connected therewith. This appointment is to the exclusion of the inventor(s) and their attorney(s) and agent(s) in accordance with the provisions of 37 CFR 3.71.

Effective immediately, please direct all further communications in the above-identified patent application to the following address:

Shemwell Gregory & Courtney LLP 4880 Stevens Creek Blvd., Ste. 201 San Jose, CA 95129 Telephone: (408) 236-6646 Facsimile: (408) 236-6641

Customer No. 30554

In accordance with 37 CFR 3.73(b), I hereby certify that I am empowered to act on behalf of the Assignee. To the best of my knowledge and belief, title is in the Assignee, as evidenced by the duly executed assignment document enclosed herewith.

I further declare that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, USC §1001 and that such willful false statements may jeopardize the validity of the this application or any patent resulting therefrom.

| ASSIGNEE:   | SiRF Technology, Inc.                          |
|-------------|--|
| Signature:  | Wil Still                                      |
| Typed Name: | Nicolas S. Gikkas                              |
| Title:      | Chief IP Counsel                               |
| Date:       | OCT. 24, 2003                                  |
| Address:    | 148 East Brokaw Road San Jose California 95112 |

.